

## Claims

1. An image forming system which is for forming a fixed image on one sides of a plurality of recording media and variable images different from each other on the other sides of the recording media  
5 and comprises a printing information output unit which outputs fixed image data representing the fixed image and a plurality of pieces of variable image data each representing a variable image, and an image forming apparatus which forms images on opposite sides of the recording media on the basis of the fixed image data and the variable  
10 image data output from the printing information output unit, wherein the improvement comprises

a storage portion which is provided in the image forming apparatus to store the fixed image data output from the printing information output unit,

15 a printing information output control means which causes the storage portion to store the fixed image data output from the printing information output unit and to hold the stored fixed image data until it is used for image formation of the fixed image on a plurality of recording media, and

20 an image formation control means which controls the image forming apparatus to read out the fixed image data held in the storage portion to form fixed images on one sides of a plurality of recording media and to receive a plurality of pieces of the variable image data output from the printing information output unit to form  
25 variable images on the other sides of a plurality of the recording media.

2. An image forming system as defined in Claim 1 in which the printing information output unit displays in a list a plurality of pieces of information representing a plurality of pieces of fixed  
30 image data which are stored in advance, and at the same time, has a fixed image selecting means through which image data representing a fixed image to be formed on said one sides of the recording media can be selected out of the plurality of fixed image data.

3. An image forming apparatus which is for a image forming  
35 system defined in Claim 1 and comprises

a storage portion which stores the fixed image data output from the printing information output unit, and

an image formation control means which controls the image forming apparatus to read out the fixed image data held in the storage portion to form fixed images on one sides of a plurality of recording media and to receive a plurality of pieces of the variable image data output from the printing information output unit to form variable images on the other sides of a plurality of the recording media.

4. An image forming system which is for forming a fixed image on one sides of a plurality of recording media and variable images different from each other on the other sides of the recording media and comprises a computer which outputs variable image data representing the variable image of a plurality of pages, a controller which is provided with a variable image data receipt portion which receives the variable image data output from the computer and an image storage portion which stores a plurality of pieces of fixed image data each representing a fixed image, and outputs the variable image data received by the variable image data receipt portion and a fixed image data stored in the image storage portion and a printer which forms images on opposite sides of the recording media on the basis of the fixed image data and the variable image data output from the controller, wherein the improvement comprises that

the computer outputs to the controller fixed image designation information for designating one of the plurality of pieces of fixed image data,

the controller selects one of the plurality of pieces of fixed image data from the image storage portion on the basis of the fixed image designation information output from the computer and outputs the selected fixed image data to the printer and thereafter outputs the variable image data of the plurality of pages to the printer, and

the printer is provided with a storage portion which stores the fixed image data output from the controller, a printing information output control means which causes the storage portion

to store the fixed image data and to hold the stored fixed image data until it is used for image formation of the fixed image on a plurality of recording media, and an image formation control means which controls the image forming apparatus to read out the fixed  
5 image data held in the storage portion to form fixed images on one sides of a plurality of recording media and to receive a plurality of pieces of the variable image data output from the controller to form variable images on the other sides of a plurality of the recording media.

10 5. An image forming system as defined in Claim 4 in which the controller and the printer is formed integrally with each other.